TC35i Terminal

The core of GSM in a box

CINTERION
WIRELESS MODULES

The TC35i Terminal is a Dual-Band device which has been specially designed for voice and fax communication and applications transmitting a low volume of data. The wireless communications unit is protected by robust industrial housing that also features a series of standard connectors and a SIM cardholder.

Being a standalone device, this plug-and-play solution, comes equipped with standard connectors for power supply, antenna, serial port, and handset.

On account of its focus on GSM communication, and its robust casing, the TC35i Terminal is particularly suited for M2M applications with a low data transfer volume. This makes it a product that can be employed in a wide range of business fields – metering, remote maintenance, transportation and logistics, traffic systems, vending machines, security, and facility management.

Besides this, the TC35i Terminal also comes with a range of approvals permitting its use in conjunction with mobile networks around the globe. Thanks to its full type approval (FTA), you'll be able to keep your certification costs down and consequently lower the total cost of ownership for your application as well!

Dual-Band

FAX Functionality

Not original size

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General features:
- Dual-Band GSM 900/1800 MHz
- Compliant to GSM phase 2/2+
- Output power:
  - Class 4 (2 W) for EGSM900
  - Class 1 (1 W) for GSM1800
- Control via AT commands
- SIM Application Toolkit
- Supply voltage range: 8 ... 30 V
- Temperature range
  - Normal Operation: -20°C to +70°C
  - Restricted Operation: -25°C to +75°C
  - Switch off: +80°C
  - Storage: -40°C to +85°C
- Dimensions: 65 x 74 x 33 mm
- Weight: 130 g

Specification for CSD data transmission:
- Up to 14.4 kbit/s
- V.110
- Non-transparent mode
- USSD support

Specification for SMS:
- Point-to-point MO and MT
- SMS cell broadcast
- Text and PDU mode

Specification for fax:
- Group 3, class 1, 2

Specification for voice:
- Triple-rate codec for HR, FR and EFR
- Basic hands-free operation
- Echo cancellation
- Noise reduction

Special features:
- 7E1-character framing

Interfaces:
- Antenna connector FME (male)
- Plug-in power supply
- Handset audio interface
- Mini-SIM card reader
- V.24/V.28 interface on the 9-terminal sub-D socket
- Operating status LED

Approvals:
- R&TTE, GCF, e-mark, CE
- Local approvals and network operator certifications

Global thinking, local understanding.

U.K. ← Football → USA

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Global but local – Cinterion lives up to this motto! Not only are we present locally but we are also able to open up amazing global business perspectives for you! Find the details of your local Cinterion contact partner here: www.cinterion.com

Technical Support
Our application engineers support you from the design-in phase over the integration of the module into the application to the certification process.

We protect your business
Profit from our strong Intellectual Property Rights position (IPR) – guarded by our legal professionalism you secure the fruits of your business effort.

Our technology portfolio covers → +++ Java™ Open Platform +++ EDGE +++ GPS +++ HSDPA +++

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